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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Sridevi Narayan-Sarathy et al.

Application No.: 10/628,373

Filed: July 29, 2003

For: Dual Cure Reaction Products of  
Self-Photoinitiating  
Multifunctional Acrylates with  
Thiols and Synthetic Methods.:  
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Confirmation Number: 4318

Art Unit: 1711

Examiner: Berman, Susan W.

Atty Docket: 20435-00141-US1

RECEIVED  
CENTRAL EXAM CENTER  
MAR 15 2006**RESPONSE AND AMENDMENT UNDER 37 CFR § 1.111**

MS AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

The present Amendment and Remarks are submitted in response to the non-final Office  
Action dated December 15, 2005.

Amendments to the Claims begin on page 2 of this paper; and  
Remarks and Arguments begin on page 13 of this paper.

Application No. 10/628,373

Docket No.: 20435-00141-US

considered. See e.g. *In re Ochiai*.<sup>3</sup> (MPEP § 2144.08). The evidentiary record fails to teach each recitation of the present invention. Specifically, Claims 1 and 46 are amended to recite a photolabile ketone formed as the Michael reaction product of a multifunctional acrylate and a  $\beta$ -dicarbonyl. Ostlie is silent as to the Michael Addition reaction and therefore fails to teach the chromophore of the present invention. Moy discloses the chromophore of the present invention. However, as the Examiner acknowledges, Moy does not disclose the reaction of a thiol with an acrylate functional group of a molecule comprising a photolabile ketone chromophore as disclosed in the present invention. Ostlie does not complete Moy because Ostlie does not disclose the reaction of a thiol with an acrylate group of a molecule comprising a photolabile ketone chromophore as disclosed in present invention.

**Conclusion:**

In view of the above, consideration and allowance are respectfully solicited.

Accordingly, it is respectfully requested that the foregoing amendments be entered, that the application as so amended receive an examination on the merits, and that the claims as now presented receive an early allowance.

In the event the Examiner believes an interview might serve to advance the prosecution of this application in any way, the undersigned attorney is available at the telephone number noted below.

The Commissioner is hereby authorized to charge any fees or credit any overpayment associated with this communication, including any extension fees or fees for the net addition of claims, to Deposit Account No. 22-0185.

Respectfully submitted,



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Date: March 15, 2006

<sup>3</sup> *In re Ochiai*, 71 F.3d 1563, 37 USPQ2d 1127 (Fed. Cir. 1995).